REMARKS

The Office action dated February 6, 2006 has been carefully considered.

The rejection of claims 1-3, 7, 8 and 10-13 under 35 U.S.C. 03(a) as being unpatentable over Studer in view of Beljanskij is respectfully traversed. On page 5 of the February 6, 2006 Office action, it is stated that "(I)t is noted that the antenna of Studer is an antenna horn. The fact that it is parabolic in shape does not change this." Applicants submit that the foregoing statement in the Office action is not accurate. While a dish antenna has an active element (the feed) and a passive parabolic or spherical reflector, the feed (active element) can be either a dipole antenna or a horn antenna. However, it is well known that the horn antenna, acting as the feed of dish antenna is aimed at the center of the reflecting dish, e.g., the passive parabolic or spherical reflector. There are no details given as to the feed of directable antenna system 16. System 16 could be a dipole antenna (in which case the reference is not pertinent to the examination) or it could be a horn antenna. Only a mere glimpse of the back of this dish shaped system is shown. Additionally, there is no disclosure of its detail. However, even if directable antenna system 16 were to include a horn antenna, pointing the horn at antenna system 16 would most certainly result in the horn being off-axis from the shaft connecting antenna system 16 to section 12 housing electronics. As a consequence thereof, it is respectfully submitted that Studer be removed as a reference for rejection. This position is further bolstered by the previously pointed out fact (and indicated by hatching marks) that Studer does not teach a hollow shaft, a limitation recited in claim 1 and included in all claims. Moreover, Studer and Beljanskij both teach an off-axis shaft orientation as discussed in previous responses to Office actions. They fail to teach, suggest or make obvious "an antenna horn rotatable about said shaft, said shaft being disposed coaxially with said antenna horn on an axis of said antenna horn which extends through a plane in which said antenna horn is rotatable" (as recited in claim 1 and included in all claims). Although applicants do not agree with statements made in the Office action suggesting a proper combination of Studer with Beljanskij, even arguendo, if such a combination were proper, these two off-axis references would in no way be suggestive of the on-axis limitations as disclosed and claimed by Applicants.

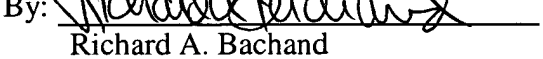
The rejection of claims 4-6 and 9 under 35 U.S.C. 103(a) as being unpatentable over Studer in view of Beljanskij, and further in view of Kumasaka et al. (US 2002/0034152) is respectfully traversed. As has always been maintained, Kumasaka is directed to non-analogous art. It does not even teach an antenna. This fact is evident from the title of this published patent application. However, regardless, it is submitted that the Kumasaka fails to add anything to Studer, and/or Beljanskij which would teach, suggest or make obvious claims 4-6 and 9. The on-axis limitation concerning the horn antenna is still lacking. An antenna turns conducted energy into radiated energy. Applicants disclose a motor- driven antenna apparatus with a rotating portion and a stationary portion- the stationary portion being the antenna feed and the rotating portion being the reflective element of the antenna. Cost savings and simplicity of function result.

The references cited, which range from the satellite/space ship device of the NASA-assigned Studer reference to the missile system Russian reference of Beljanskij to the DVD manufacturing device of Kumasaka fails to yield any combination that would make Applicants invention obvious as now claimed.

In view of the amendment and remarks, this application is submitted as being in a condition for allowance. Favorable action is respectfully requested. Applicants therefore respectfully request that a timely Notice of Allowance be issued in this case.

Respectfully submitted,

Dated: 5/8/2006

By: 

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